WHAT IS CLAIMED IS:

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1.   A server system for establishing a communication session, comprising:

means for receiving a session request for establishing a communication path for transmitting information;

means for sending a message to an originating router in the communication path in response to the request, the message including a request to reserve resources for transmitting the information; and

means for monitoring the originating router to determine whether sufficient resources exist to establish the communication path in accordance with the session request.

2.   A server system according to claim 1, wherein the session request includes a request for a quality of service (QoS service) session.

3.   A server system according to claim 2, wherein the session request includes parameters for transmitting information along the communication path in accordance with the QoS service.

4.   A server system according to claim 1, wherein the means for sending a message includes means for presenting the message to the originating router as a Telnet message.

5.   A server system according to claim 1, further comprising:

means for establishing the communication path if the monitoring means determines that the routers in the communication path have sufficient resources.

6.   A method for establishing a communication session, comprising the steps of:

receiving a session request at a server for establishing a communication path for transmitting information;

sending a message to an originating router in the communication path in response to the request, the message including a request to reserve resources for transmitting the information; and

monitoring the originating router to determine whether sufficient resources exist to establish the communication path in accordance with the session request.

7.   A method according to claim 6 wherein the step of receiving a session request includes the substep of

receiving a request for a quality of service (QoS service) session.

8.   A method according to claim 7 wherein the step of receiving a session further includes the substep of

receiving parameters for transmitting information along the communication path in accordance with the QoS service.

9.   A method according to claim 6 wherein the step of sending a message includes the substep of

presenting the message to the originating router as a Telnet message.

10.	A method according to claim 6, further comprising the step of:

establishing the communication path if determined in the monitoring step that the routers

in the communication path have sufficient resources.

11. A network communication system for establishing a transmission path, comprising:

an originating router coupled to a host in a first local area network; and

a server, coupled to the originating router, for receiving a session setup request from the host, said server including:

a session setup module for sending a message to the originating router in response to the session setup request, the message including a request to reserve resources for transmitting traffic along the transmission path; and

a node server module for monitoring routers along the transmission path to determine whether sufficient resources exist to establish the transmission path in ~~accordance with the session setup request~~.

12. A network communication system according to claim 11, wherein the session setup request includes a request for a quality of service (QoS service) session.

13. A network communication system according to claim 12, wherein the session setup request further includes parameters for transmitting information along the communication path in accordance with the QoS service.

14. A network communication system according to claim 11, wherein the session setup module includes

means for presenting the message to the originating router as a Telnet message.

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15.   A network communication system according to claim 11, the session setup module includes

means for notifying the host that the transmission path has been established if the routers in the transmission path have sufficient resources to establish the transmission path.

16.   A network communication system according to claim 11, wherein the server further includes:

a database server for checking whether the session setup request is authorized.

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17.   A method for establishing a communication session, comprising the steps of:

receiving a session request for establishing a communication path for transmitting information;

sending a resource reservation request to a router in the communication path to reserve resources in accordance with the session request; and

monitoring the router to determine whether resources exist to establish the communication path.

18.   A computer program product comprising:

a computer usable medium having computable readable code embodied therein for

establishing a communication session, the computer usable medium comprising:

a module configured to receive a session request for establishing a communication path

for transmitting information;

a module configured to send a resource reservation request to a router in the

communication path to reserve resources in accordance with the session request; and

a module configured to monitor the router to determine whether resources exist to

~~establish the communication path.~~